

## CLAIM OR CLAIMS

### WHAT IS CLAIMED IS:

- 5 1. A method of adapting a user interface on a display device of a protocol tester having a visual network plan which is used for the configuration of a telecommunication measurement task by a user comprising the step of modifying the visual network plan on the display device in comparison to a basic network plan according to hardware and/or software existing in the protocol tester.
- 10 2. The method according to claim 1 wherein the modifying step further comprises the step of modifying the visual network plan according to a selection made by the user via the user interface of the telecommunication measurement task and/or the configuration of the measurement task.
- 15 3. The method according to claims 1 or 2 further comprising the step of generating the visual network plan by the protocol tester from a text file for a description of a graphical user interface.
- 20 4. The method according to claim 3 wherein the text file comprises information on the position of network elements and on the location of interfaces between the network elements.

5. The method according to claim 3 further comprising the step of correlating the text file with the hardware and/or software in the protocol tester.

5 6. The method according to claim 5 further comprising the step of selecting the text file from a predeterminable quantity of text files.

7. The method according to claim 5 further comprising the step of generating the text file by the protocol tester according to the hardware and/or software of the protocol tester.

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8. The method according to claim 6 further comprising the steps of:  
selecting or generating several text files according to the hardware and/or software of the protocol tester; and  
offering the several text files to the user for selection.

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9. The method according to claim 6 wherein the selecting step comprises the step of taking into account entries made by the user for specifying the telecommunication measurement task.

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10. The method according to claim 9 further comprising the step of selecting or generating another text file if necessary after a change of the specification of the measurement task is made by the user.

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11. The method according to claim 3 wherein the text file only defines the position and connections of elements of the visual network plan while an interpreter marks the elements for which a selection exists and/or which may

be used for the configuration of the telecommunication measurement task according to the hardware and/or software of the protocol tester.

5 12. The method according to claims 1 or 2 further comprising the step of showing on the display device as the visual network plan only a part of the basic network plan being modified.

10 13. The method according to claim 12 further comprising the step of marking in a predeterminable way in response to the modifying step those elements which may be configured according to the hardware and/or software of the protocol tester.

15 14. The method according to claim 13 wherein the marking step comprises the step of offering graphic selection methods for those elements from which the user selects.

20 15. The method according to claim 13 wherein the marking step comprises the step of visually presenting in different ways those elements which may be configured and other elements for which no configuration is possible.

16. The method as recited in claim 15 wherein the different ways comprise different colors.